

**IN THE CLAIMS**

**Claims 1-17, 56-61, and 70** are pending.

**Claims 18-55, 62-69, 71, and 72** were previously canceled.

**Claims 1, 56, and 70** are amended herein.

1. **(Currently Amended)** A method for protecting a digital good, the method comprising:

providing a watermark;

generating a fingerprint, the fingerprint being an a forensic entity identifier which is uniquely associated with a unique entity and the fingerprint being generated at least in part from the watermark is also associated with a watermark, wherein an entity is capable of processing some license or other rights for a digital good; and

embedding the watermark into a digital good without embedding the fingerprint, such that the watermarked digital good is free from information associated with the entity.

2. **(Original)** A method as recited in claim 1, wherein the generating comprises producing a short fingerprint which is approximately equivalent to the fingerprint and is substantially smaller in scale than the fingerprint.

3. **(Original)** A method as recited in claim 1, wherein the generating comprises: producing a pseudorandom watermark carrier that is independent of the watermark; combining the carrier and the watermark to generate the fingerprint.

4. **(Original)** A method as recited in claim 1, wherein the generating comprises:  
producing a pseudorandom watermark carrier that is independent of the watermark;  
amalgamating the carrier and the watermark to generate the fingerprint.

5. **(Previously Presented)** A method as recited in claim 4, wherein the amalgamating comprises deriving the fingerprint from the carrier and the watermark.

6. **(Previously Presented)** A method as recited in claim 4, wherein the amalgamating comprises combining the carrier and the watermark to generate the fingerprint.

7. **(Original)** A method as recited in claim 1, wherein the fingerprint is uniquely associated with the watermark.

8. **(Original)** A method as recited in claim 1, wherein the fingerprint is at least partially derived from the watermark.

9. **(Original)** A method as recited in claim 1, wherein the fingerprint is associated with a detection entity.

10. **(Original)** A method as recited in claim 1, wherein the fingerprint is uniquely associated with a detection entity.

11. **(Previously Presented)** A method as recited in claim 1 further comprising:  
segmenting the digital good into multiple segments;  
repeating the generating, and embedding for individual segments of the multiple  
segments, so that a segment has a segment-associated watermark embedded therein and a  
segment-associated fingerprint is associated with such segment-associated watermark.

12. **(Original)** A method as recited in claim 1, wherein the embedding produces a  
marked digital good, the method further comprising distributing identical copies of the marked  
digital good to multiple detection entities, wherein individual fingerprints are associated with one  
or more detection entities.

13. **(Original)** A method as recited in claim 1, wherein the digital good is selected  
from a group consisting of digitized images, digitized audio, digitized video, digitized  
multimedia, software applications, and media signals.

14. **(Original)** A modulated signal generated in accordance with the acts recited  
in claim 1, wherein the signal has a minimum collusion resistance that grows linearly with the  
scale of the signal.

15. **(Original)** A modified signal generated in accordance with the acts recited in  
claim 1, wherein the signal has a minimum collusion resistance that grows with the scale ( $N$ ) of  
the signal in the order of magnitude of  $O(N \log N)$ .

16. (Original) A computer-readable medium having computer-executable instructions that, when executed by a computer, performs the method as recited in claim 1.

17. (Original) A computer comprising one or more computer-readable media having computer-executable instructions that, when executed by the computer, perform the method as recited in claim 1.

18-55. (Canceled).

56. (Currently Amended) A system for facilitating the protection of digital goods, the system comprising:

a key generation entity configured to generate pseudorandom watermarks and fingerprints, each [[a]] fingerprint being an a forensic entity identifier which is uniquely associated with a unique entity and being generated at least in part from a watermark, the unique entity being capable of processing some license or other rights for a digital good; and

a marker configured to embed embedded the watermark into a digital good, wherein the fingerprint is not embedded into the digital good, such that the watermarked digital good is free from information associated with the entity.

57. (Original) A system as recited in claim 56, wherein the key generation entity is further configured to produce a pseudorandom watermark carrier that is independent of the watermark and combine the carrier and the watermark to generate the fingerprint.

58. (Original) A system as recited in claim 56, wherein the key generation entity is further configured to produce a pseudorandom watermark carrier that is independent of the watermark and coalesce the carrier and the watermark to generate the fingerprint.

59. (Original) A system as recited in claim 56, wherein the fingerprint is associated with the watermark.

60. (Original) A system as recited in claim 56, wherein the fingerprint is associated with a detection entity.

61. (Original) A system as recited in claim 56, wherein the digital good is selected from a group consisting of digitized images, digitized audio, digitized video, digitized multimedia, software applications, and media signals

62-69. (Canceled).

70. (Currently Amended) A computer-readable medium having computer-executable instructions that, when executed by a computer, performs the method comprising:

providing a watermark;

generating a fingerprint, the fingerprint being an a-forensic-entity identifier which is uniquely associated with a unique entity and the fingerprint being generated at least in part from the watermark is also associated with a watermark, wherein an entity is capable of processing some license or other rights for a digital good; and

embedding the watermark into a digital good without embedding the fingerprint, such that the watermarked digital good is free from information associated with the entity.

71 and 72. (Canceled).